

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ab: Abscota-----	90	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.80	Very limited Flooding Droughty Too sandy	1.00 0.87 0.50
AnD: Alvin-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ba: Bartle-----	90	Very limited Frost action Depth to saturated zone Flooding	1.00 0.94 0.40	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.94
BdB: Bedford-----	65	Very limited Frost action Shrink-swell Depth to saturated zone	1.00 0.50 0.19	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.10	Somewhat limited Depth to saturated zone	0.19
Stoy-----	30	Very limited Frost action Depth to saturated zone Shrink-swell	1.00 0.94 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.94
BdB2: Bedford-----	90	Very limited Frost action Shrink-swell Depth to saturated zone	1.00 0.50 0.19	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.10	Somewhat limited Depth to saturated zone	0.19
BmC: Bloomfield-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.27

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bo: Bonnie-----	100	Very limited Frost action Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.80 0.10	Very limited Flooding Depth to saturated zone	1.00 1.00
BrA: Bromer-----	85	Very limited Frost action Depth to saturated zone Shrink-swell	1.00 0.94 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.94

Bu:							
Burnside-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Frost action	0.50	Flooding	0.60	Content of large stones	0.01
				Depth to hard bedrock	0.20		
				Cutbanks cave	0.10		
CcC2:							
Caneyville-----	100	Very limited Shrink-swell	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.98	Slope	0.04
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
CcD2:							
Caneyville-----	100	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.98		
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		
CfF:							
Caneyville-----	55	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Slope	1.00	Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.98		
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gilpin-----	25	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.01
Rock Outcrop-----	10	Not rated		Not rated		Not rated	
Cg:							
Chagrin-----	90	Very limited Flooding	1.00	Very limited Cutbanks cave	1.00	Very limited Flooding	1.00
		Frost action	0.50	Flooding	0.80		
				Depth to saturated zone	0.15		
CrB:							
Crider-----	90	Very limited Frost action	1.00	Somewhat limited Too clayey	0.95	Not limited	
		Shrink-swell	0.50	Cutbanks cave	0.10		
CrC2:							
Crider-----	100	Very limited Frost action	1.00	Somewhat limited Too clayey	0.95	Somewhat limited Slope	0.04
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
CrD2:							
Crider-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Too clayey	0.95		
		Shrink-swell	0.50	Cutbanks cave	0.10		
CsD2:							
Crider-----	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Too clayey	0.95		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Caneyville-----	35	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00

		Shrink-swell	0.50	Slope	1.00	Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.98		
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		
CwD2:							
Crider-----	65	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.95	Slope	0.63
		Slope	0.63	Slope	0.63		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Frederick-----	35	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	1.00	Slope	0.63
		Slope	0.63	Slope	0.63		
		Frost action	0.50	Cutbanks cave	0.10		
Dp:							
Dumps-----	40	Not rated		Not rated		Not rated	
Pits-----	30	Not rated		Not rated		Not rated	
Udorthents-----	30	Not rated		Not rated		Not rated	
EbC2:							
Ebal-----	100	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Slope	0.04
		Frost action	0.50	Too clayey	0.50		
		Slope	0.04	Cutbanks cave	0.10		
				Slope	0.04		
Edd:							
Ebal-----	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to saturated zone	1.00		
		Frost action	0.50	Too clayey	0.50		
				Cutbanks cave	0.10		
Wellston-----	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Depth to hard bedrock	0.04		
EKB2:							
Elkinsville Variant	100	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
FrC2:							
Frederick-----	100	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	0.50	Slope	0.04
		Frost action	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
FrD:							
Frederick-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FtD3:							

Frederick-----	60	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Slope	0.96	Slope	0.96
		Slope	0.96	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
FwC2:							
Frederick-----	65	Very limited		Somewhat limited		Not limited	
		Shrink-swell	1.00	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
Crider-----	30	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Too clayey	0.95		
		Shrink-swell	1.00	Cutbanks cave	0.10		
GrC:							
Gilpin-----	65	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Slope	0.63
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.01
						Content of large stones	0.01
Crider-----	15	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.95	Slope	0.63
		Shrink-swell	1.00	Slope	0.63		
		Slope	0.63	Cutbanks cave	0.10		
GwF:							
Gilpin-----	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Content of large stones	0.46
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.42
Weikert-----	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
						Gravel content	0.87
						Content of large stones	0.03
Wellston-----	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Depth to hard bedrock	0.04		
Ho:							
Raymond-----	100	Very limited		Somewhat limited		Very limited	
		Frost action	1.00	Flooding	0.80	Flooding	1.00
		Flooding	1.00	Depth to saturated zone	0.15		
				Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HrA:							
Henshaw-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Flooding	0.40				
Hs:							
Hoosierville-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
HxB2:							
Hosmer-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		

MdB2: Markland-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	0.50	Too clayey	0.32		
		Flooding	0.40	Cutbanks cave	0.10		
		Depth to saturated zone	0.19				
MhA: Mcgary-----	90	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Too clayey	0.12		
		Frost action	0.50	Cutbanks cave	0.10		
		Flooding	0.40				
MuA: Muren-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.50		
		Shrink-swell	0.50				
Ne: Newark-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
No: Nolin-----	90	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.80 0.15 0.10	Very limited Flooding	1.00
PeB: Pekin-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.43
PeC2: Pekin-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone Slope	0.43 0.04
PgA: Peoga, clayey substratum-----	75	Very limited Ponding Frost action	1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Ponding Depth to saturated zone	1.00 1.00
		Depth to saturated zone Shrink-swell	1.00 0.50	Cutbanks cave	0.10		
Ph: Petrolia-----	100	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
		Flooding Shrink-swell	1.00 0.50	Cutbanks cave	0.10		
PnB: Princeton-----	65	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Alvin-----	25	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

St:							
Stendal-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SyA:							
Stoy-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.94				
		Shrink-swell	0.50				
TyB:							
Tyner-----	50	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.56
Alvin-----	40	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Ua:							
Udorthents-----	100	Somewhat limited Shrink-swell	0.50	Very limited Too clayey	1.00	Very limited Too clayey	1.00
		Frost action	0.50	Depth to saturated zone	0.47		
				Cutbanks cave	0.10		
W:							
Water-----	100	Not rated		Not rated		Not rated	
WbF:							
Weikert-----	40	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
						Gravel content	0.87
						Content of large stones	0.03
Berks-----	25	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Depth to soft bedrock	0.42	Droughty	0.87
				Cutbanks cave	0.10	Depth to bedrock	0.42
						Content of large stones	0.03
Gilpin-----	25	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.01

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WeC2:							
Wellston-----	100	Very limited Frost action	1.00	Somewhat limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.04

		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
WeD2:							
Wellston-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Depth to hard bedrock	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
WfD3:							
Wellston-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Slope	0.96
		Slope	0.96	Slope	0.96		
		Shrink-swell	0.50	Cutbanks cave	0.10		
WgD2:							
Wellston-----	65	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to hard bedrock	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Gilpin-----	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.02
Wr:							
Wilbur-----	90	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		